

Appendix 4: Patient characteristics of included studies

Author, Year	Average age (years)	% male	Average duration of diabetes mellitus (years)	Average baseline HbA1c (%)
* [†] Barnett et al., 2007 ²²	54.9	NA	7.46	8.95
Blonde et al., 2009 ²⁴	55.6	52	5.13	7.98
Bolli et al., 2009 ²⁶	56.6	63	6.4	8.40
Bosi et al., 2007 ²⁷	54.2	43	6.26	8.35
* Brazg et al., 2007 ²⁸	55.9	35.7	6.6	7.7
Bunck et al., 2009 ²⁹	58.4	65	4.89	7.5
[†] Charbonnel et al., 2005 ³¹	56.5	50.0	5.65	8.62
Charbonnel et al., 2006 ³⁰	54.5	57	6.2	7.98
Charpentier, 2001 ³²	56.2	59	5.76	6.55
DeFronzo et al., 2005 ³³	53.0	60	5.9	8.23
DeFronzo et al., 2009 ⁷⁷	54.6	50	6.53	8.08
Einhorn et al., 2000 ³⁵	55.6	57	NR	9.81
Feinglos et al., 2005 ³⁶	58.0	47	5.6	NA
[†] Ferrannini et al., 2009 ³⁷	57.5	53	5.73	7.31
Fonseca et al., 2000 ³⁸	58.2	68	7.69	8.8
[‡] Frid et al., 2008 ⁷⁵	56.7	NR	8	8.38
[†] Gao et al., 2009 ³⁹	54.5	NR	8	8.3
Garber et al., 2006 ⁴⁰	56.0	60	5.5	8.4
Gomez-Perez et al., 2002 ⁴¹	53.1	24	10.29	10
Goodman et al., 2009 ⁴²	54.8	58	NR	8.57
Halimi et al., 2000 ⁴³	55.0	55	9.25	8.55
[†] Hamann et al., 2008 ⁴⁴	58.9	NR	6.35	8
[†] Home et al., 2007 ⁴⁵	57.1	51	6.2	7.8
[†] Home et al., 2009 ⁴⁶	57.1	51	6.2	7.8
Kaku et al., 2009 ⁴⁷	52.5	61	5.06	7.56
Khanolkar et al., 2008 ⁴⁸	57.5	NR	NR	NA
Kilo et al., 2003 ⁴⁹	55.9	52	9.83	9.43
Kvapil et al., 2006 ⁵⁰	57.2	50	7.39	9.35
[†] Leiter et al., 2005 ⁵¹	58.7	62	5.43	7.5
Marre et al., 2002 ⁵²	58.7	52	6.15	7.87
Marre et al., 2002 ⁵³	57.2	58	6.84	8.14
Matthews et al., 2005 ⁵⁴	56.5	NR	5.65	8.62
McNulty et al., 2003 ⁵⁵	49.3	44	2	NA
Moses et al., 1999 ⁵⁶	57.5	65	6.95	8.45
[†] Nauck et al., 2007 ⁵⁷	56.7	62	6.35	7.5
[†] Nauck et al., 2009 ⁵⁹	56.7	57	7.56	8.38
Nauck et al., 2006 ⁵⁸	57.2	57	8.23	9.43
Papathanassiou et al., 2009 ⁶⁰	63.1	21	5.3	7.55
Phillips et al., 2003 ⁶¹	60.5	74	5.7	7.91
[†] Poon et al., 2005 ⁶²	53.7	46	4	7.47
Raskin et al., 2007 ⁶³	51.9	53	9.2	9.9
Raz et al., 2008 ⁶⁴	54.8	46	7.86	9.2
Ristic et al., 2006 ⁶⁵	61.8	NR	6.93	NA
Ristic et al., 2007 ⁶⁶	61.8	53	6.93	7.6
[†] Rodger et al., 1995 ⁶⁷	57.4	64	8.8	7.85
Rosenstock et al., 1998 ⁶⁸	56.6	54	7.5	8.32
[†] Schernthaner et al., 2004 ⁶⁹	NR	NR	NR	NA
Scott et al., 2008 ⁷⁰	55.1	59	4.97	7.72
* ^{††} Trautmann et al., 2007 ⁷⁶	54.9	NR	7.46	8.95
Umpierrez et al., 2006 ⁷¹	53.7	55	5.42	8.35
Van Gaal et al., 2001 ⁷²	57.9	45	NR	8.45
* Von Bibra et al., 2008 ⁷³	59.0	67	3	6.8
[†] Wolever et al., 1997 ⁷⁴	57.4	NR	8.8	7.85

*Crossover study; [†]Subgroup data; [‡]Abstract